

organism strain to be subjected to improvement or evolution in order to produce a resultant population comprised of an improved organism strain that has a desired trait.

Figure 22. Starting population comprised of an genomic sequence to be subjected to improvement or evolution in order to produce a resultant population comprised of an improved genomic sequence that has a desired trait. Starting population comprised of a genomic sequence to be subjected to improvement or evolution in order to produce a resultant population comprised of an improved genomic sequence that has a desired trait.

Figure 24. Iterative Strain Improvement. This process is iterative. Recombine e.g. adding all 10 desirable changes or recombining any subset &/or all subsets randomly or exhaustively.

REMARKS

No new matter has been added by the above amendments to the specification. All amendments pertain to changes in the Brief Description of the Drawings. Support for the amendments is found in the informal drawings as originally filed.

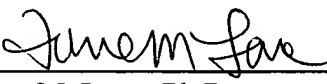
If there are any questions concerning this amendment, the Examiner is invited to call the undersigned at her telephone number indicated below.

No fees are believed to be due with the filing of this Amendment. However, the Commissioner is hereby authorized to debit Deposit Account No. 08-0219 for any required fee except the issue fee, necessary to maintain the pendency of this application.

Respectfully submitted,

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